USPTO IAP1 AUG 31 2007 PATENT & TRADEMARK OFFICE

REPLACEMENT SHEET

1/14

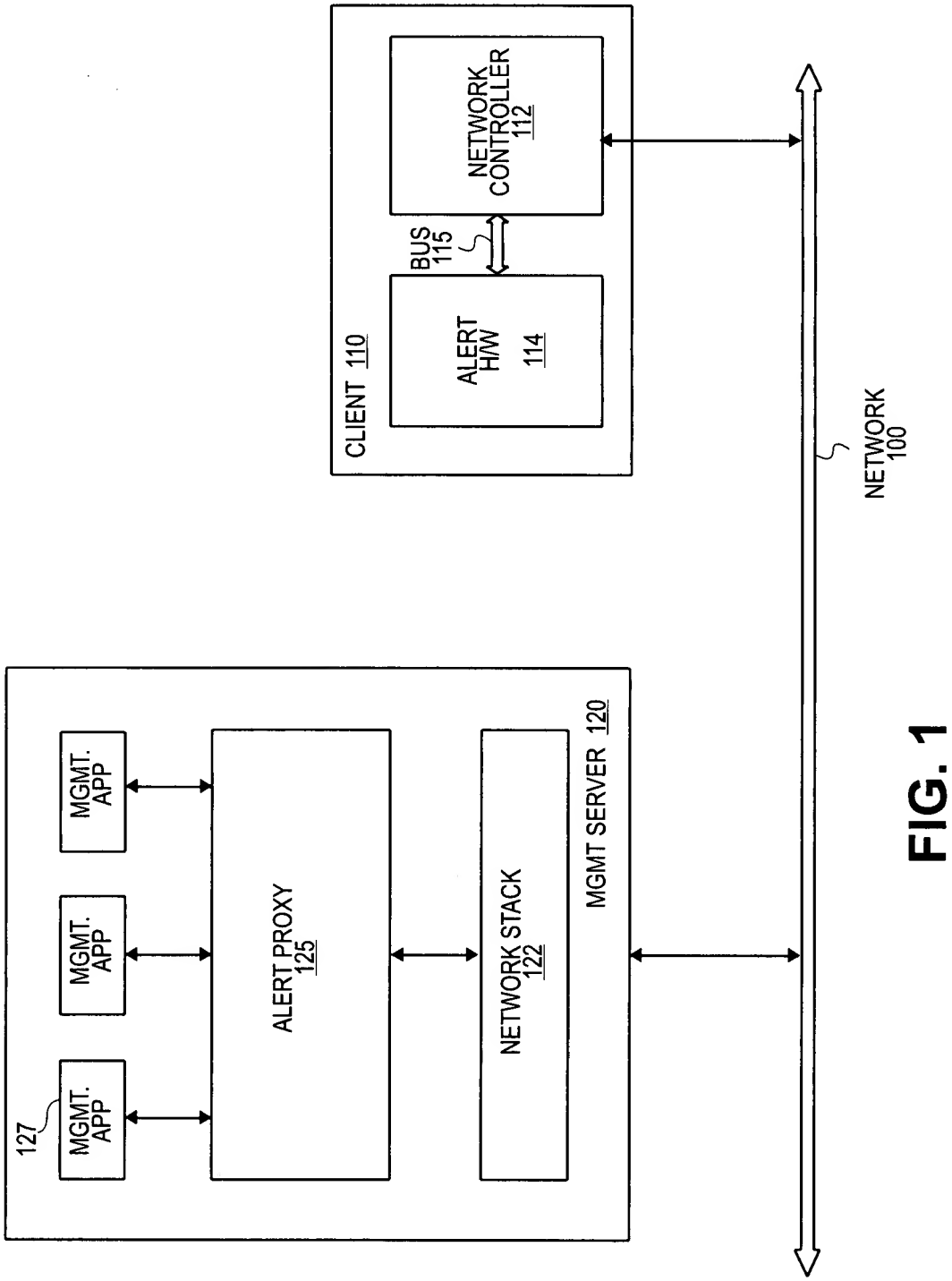


FIG. 1

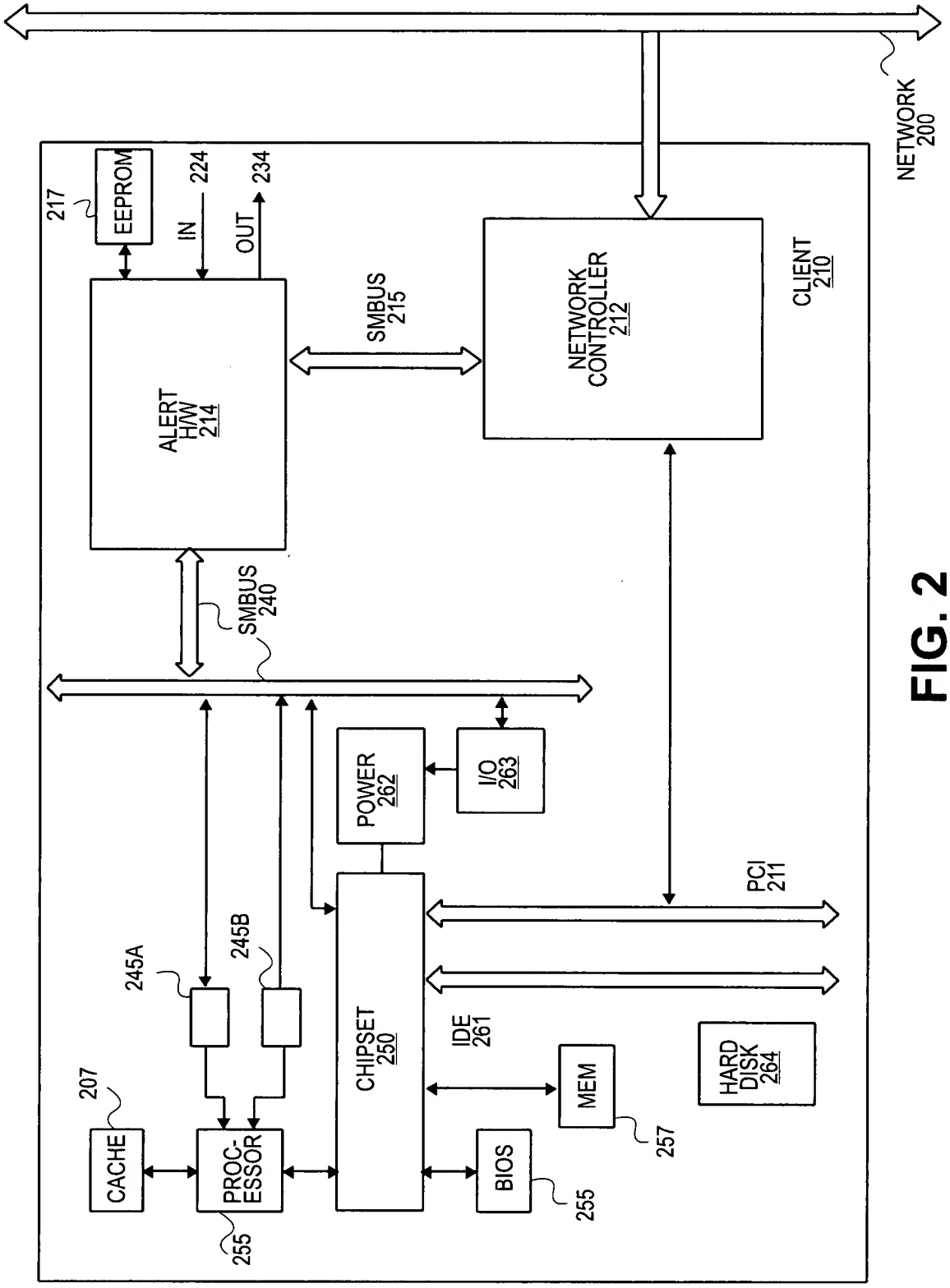

NETWORK
200
CLIENT
210
NETWORK CONTROLLER
212
SMBUS
215
ALERT H/W
214
EEPROM
217
IN
224
OUT
234
SMBUS
240
POWER
262
I/O
263
PCI
211
CHIPSET
250
IDE
261
MEM
257
HARD DISK
264
BIOS
255
PROC-ESSOR
255
CACHE
207
245A
245B

FIG. 2

REPLACEMENT SHEET

FIG. 3A

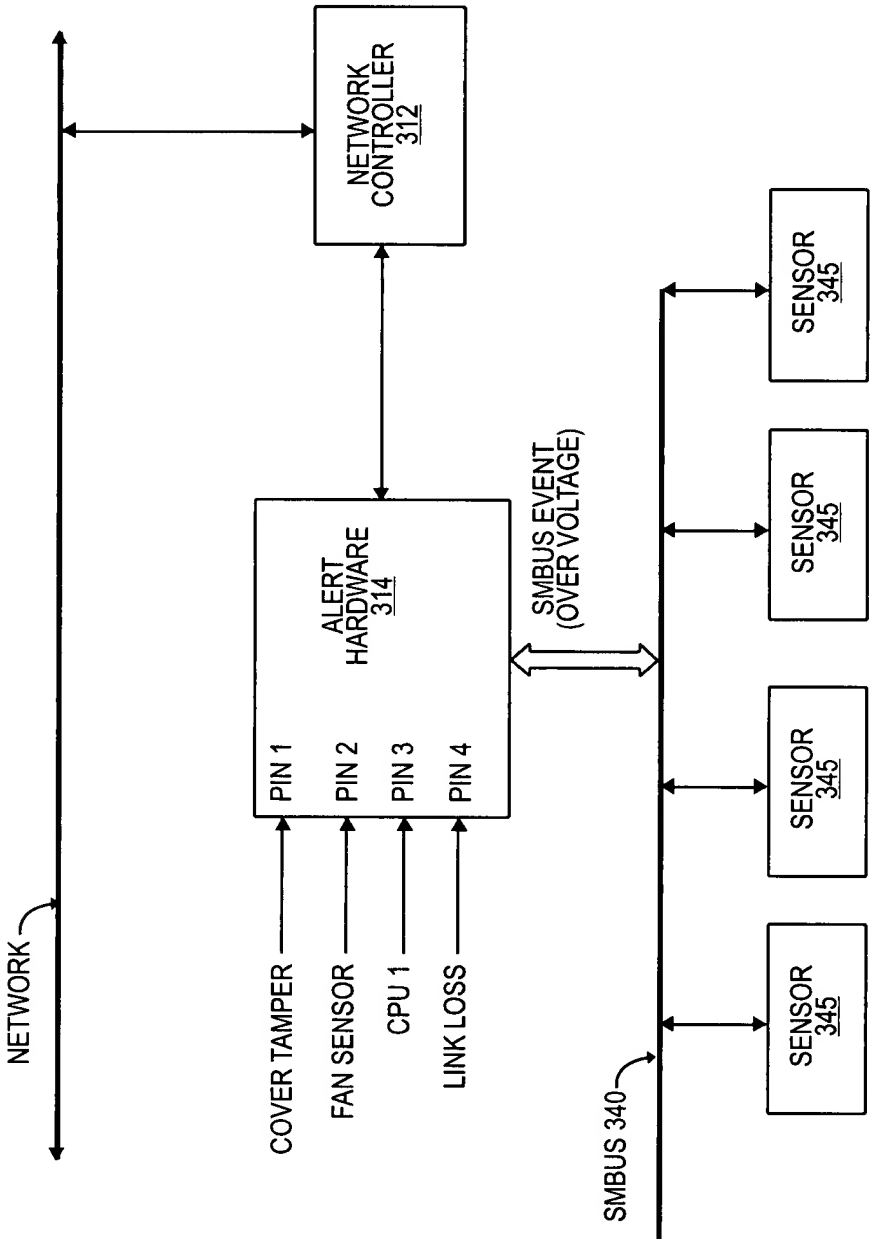
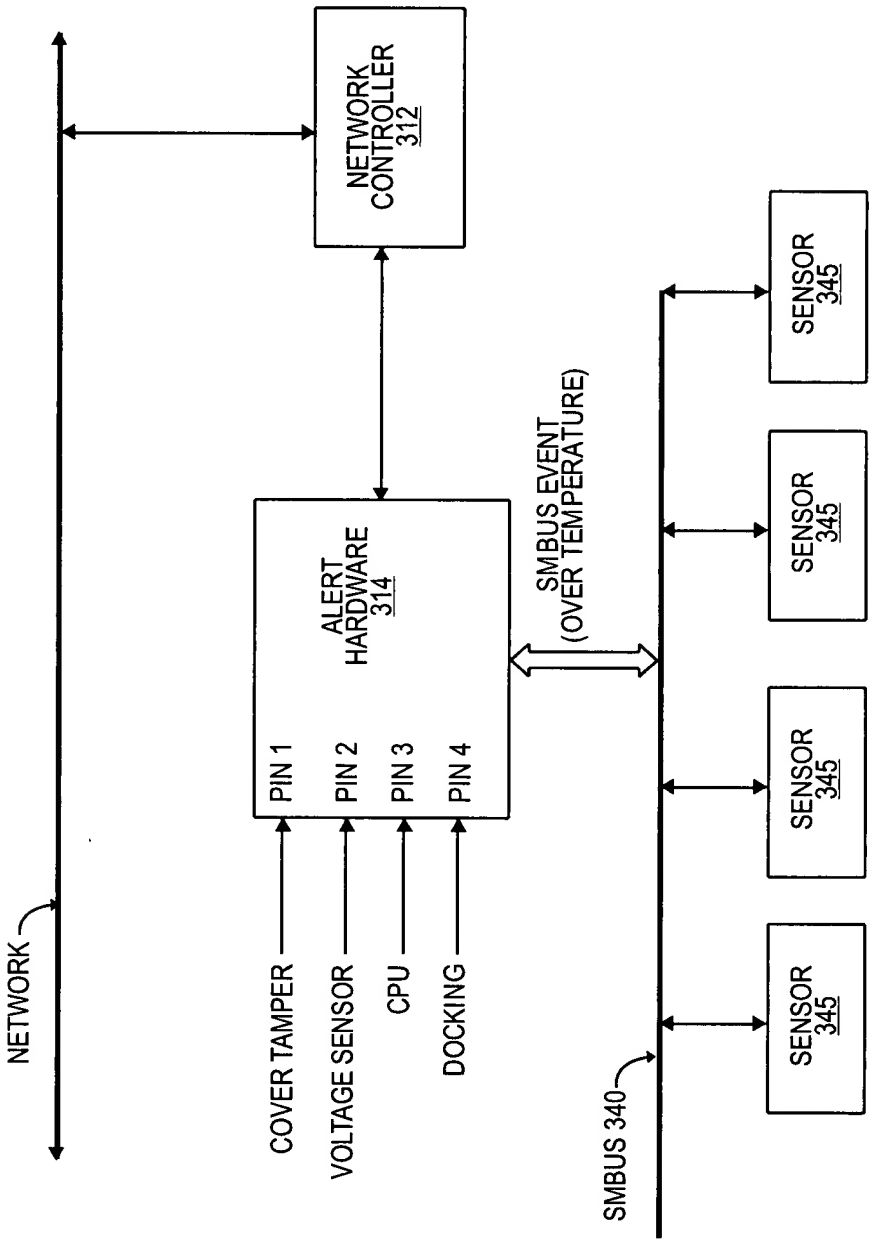


FIG. 3B


NETWORK CONTROLLER 312
ALERT HARDWARE 314
PIN 1
PIN 2
PIN 3
PIN 4
SMBUS EVENT (OVER TEMPERATURE)
NETWORK
COVER TAMPER
VOLTAGE SENSOR
CPU
DOCKING
SMBUS 340
SENSOR 345
SENSOR 345
SENSOR 345
SENSOR 345

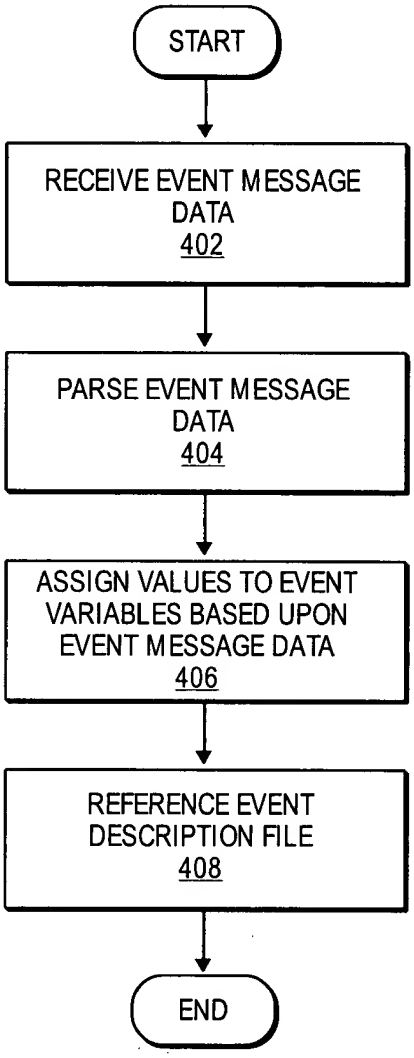

START
RECEIVE EVENT MESSAGE DATA
402
PARSE EVENT MESSAGE DATA
404
ASSIGN VALUES TO EVENT VARIABLES BASED UPON EVENT MESSAGE DATA
406
REFERENCE EVENT DESCRIPTION FILE
408
END

FIG. 4A

FIG. 4B

422	MESSAGE TYPE	Identifies Specific Alert Hardware
424	SYSTEM ID	Identifies Specific Platform Type
426	UUID	Identifies A Client Entity
428	EVENT TYPE	Identifies Alert Hardware Event Type
430	MESSAGE	Contains A Software Message Used By "Software" Events
432	EVENT EXTENSION	Contains Descriptor Data Used By "Compound" Events
434	EVENT DATA	Contains Additional Event Information

FIG. 5A

505 → [LANGUAGE_MAP]
esm = esp

510 → [SYSTEM ID]
511 → XXX = CompanyXYZ
512 → YYY = CompanyABC

520 → [EVENT_TYPE]
0 = SIMPLE
521 → 1 = SIMPLE
522 → 8 = SOFTWARE
523 → 90 = COMPOUND

530 → [EVENT_MAP]
531 → CompanyXYZ = 1,2; 2,2; 84,9; 90,7

540 → [EVENT_LIST]
0 = 13000;14014
541 → 1 = 13001;14015
2 = 13002;14016
3 = 13003;14017

550 → [COMPANYXYZ_90]
551 → 7 = 8
552 → 9 = 10
[RESOURCE_MAP]
CompanyXYZ = XYZ
CompanyABC = ABC

565 → [COMPANYXYZ]
0106=2712

REPLACEMENT SHEET

FIG. 5B

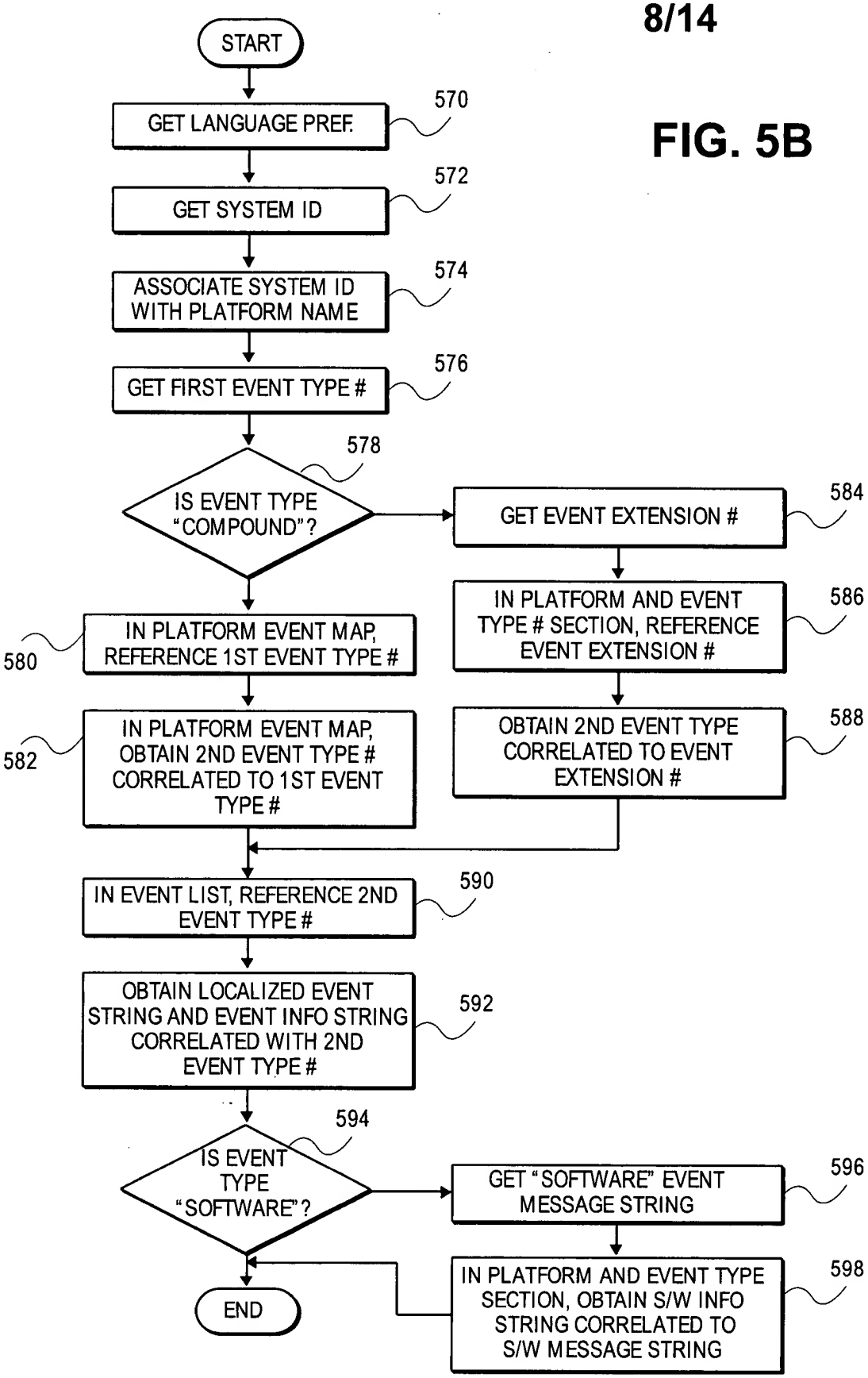


FIG. 6A

```
610 → [FUNCTION_LIST]
      0 = 20000;21015
      1 = 20001;21016
616 → 2 = 20002;21017

620 → [FUNCTION_MAP]
622 → COMPANYXYZ = 1,1;2,2;3,3;4,4;5,5;9,6

630 → [SUBFUNCTIONS_2]
632 → 0 = 16001;16002
634 → 1 = 16003;16004

      [COMPANYXYZ]
      DeviceType = 0
      StatusPolarity = 0xD9
      StatusPowerupMask = 0x1B
      StatusPowerdownMask = 0x19

      [CompanyXYZ]
652 → 101   I:300401
      110   W:300402
      114   C:300403

      [CompanyABC]
662 → 101   300402;300800;300801
      110   300405
```

FIG. 6B

672 →	300401	A failure occurred during testing of the system board
	300402	A memory parity failure occurred
	300403	Adapter ROM failure
	300800	Memory may be defective
	300801	Replace memory

REPLACEMENT SHEET

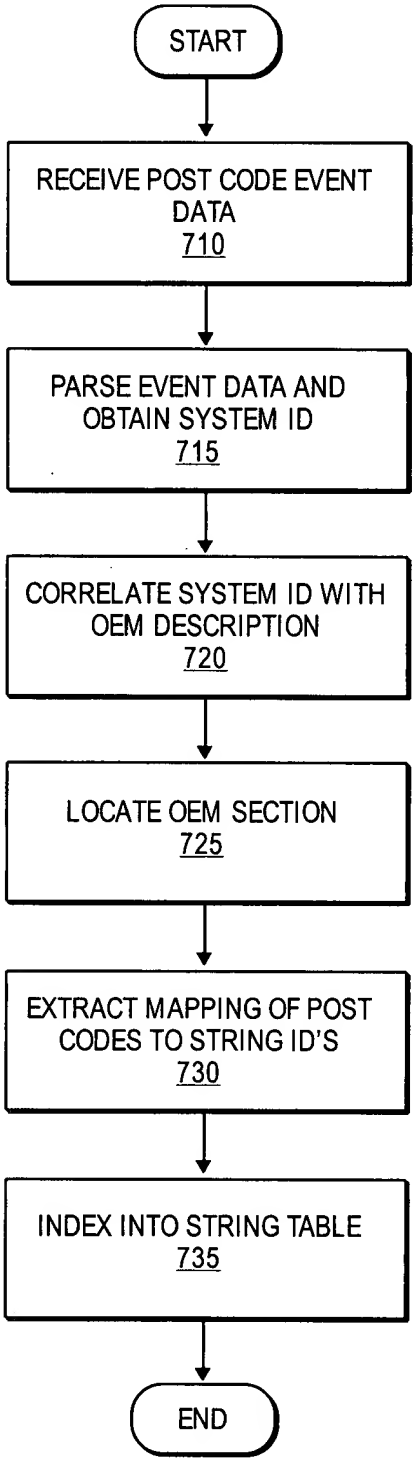


FIG. 7

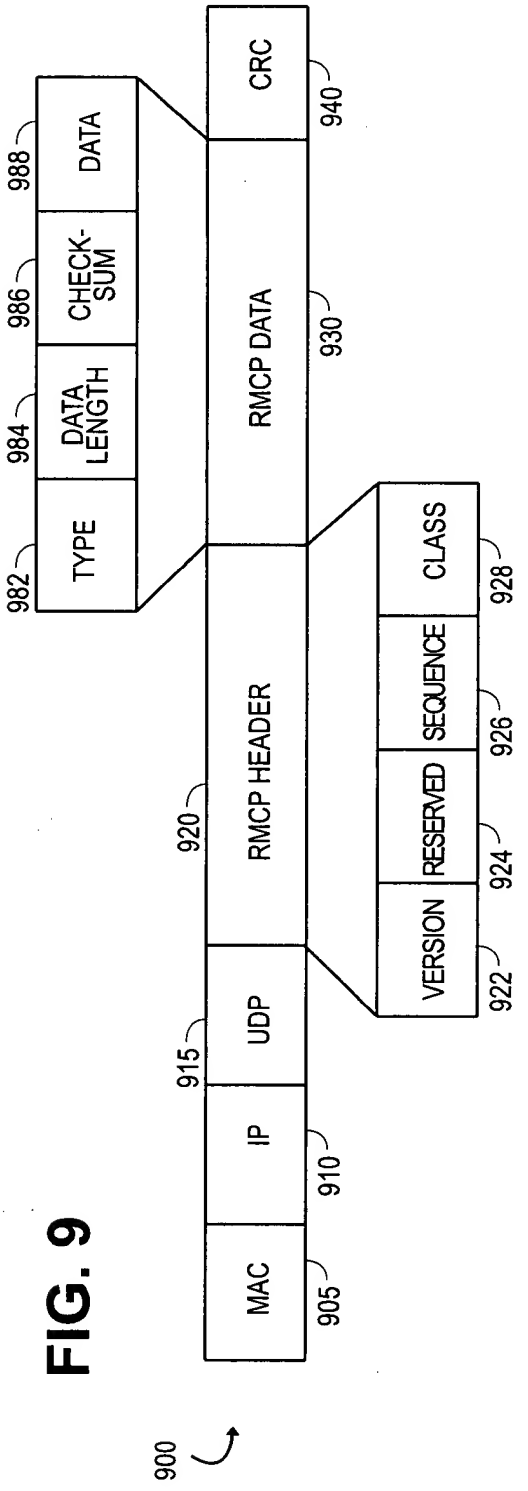

900
MAC
905
IP
910
UDP
915
RMCP HEADER
920
VERSION
922
RESERVED
924
SEQUENCE
926
CLASS
928
RMCP DATA
930
TYPE
982
DATA LENGTH
984
CHECK-SUM
986
DATA
988
CRC
940

FIG. 9

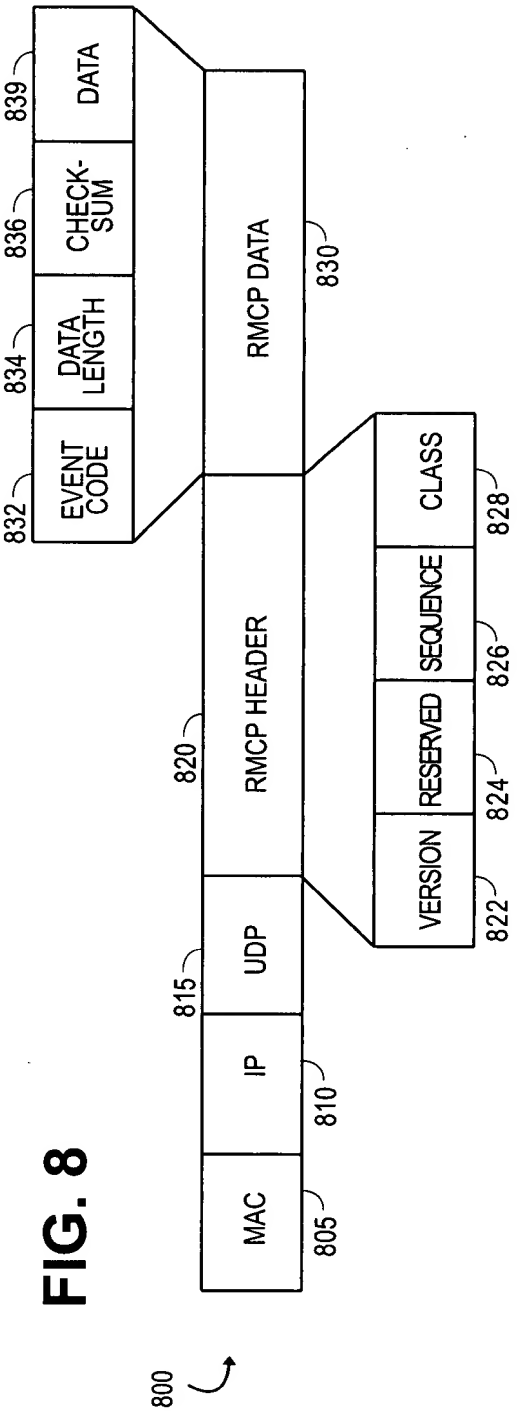

800
MAC
805
IP
810
UDP
815
RMCP HEADER
820
VERSION
822
RESERVED
824
SEQUENCE
826
CLASS
828
RMCP DATA
830
EVENT CODE
832
DATA LENGTH
834
CHECK-SUM
836
DATA
839

FIG. 8

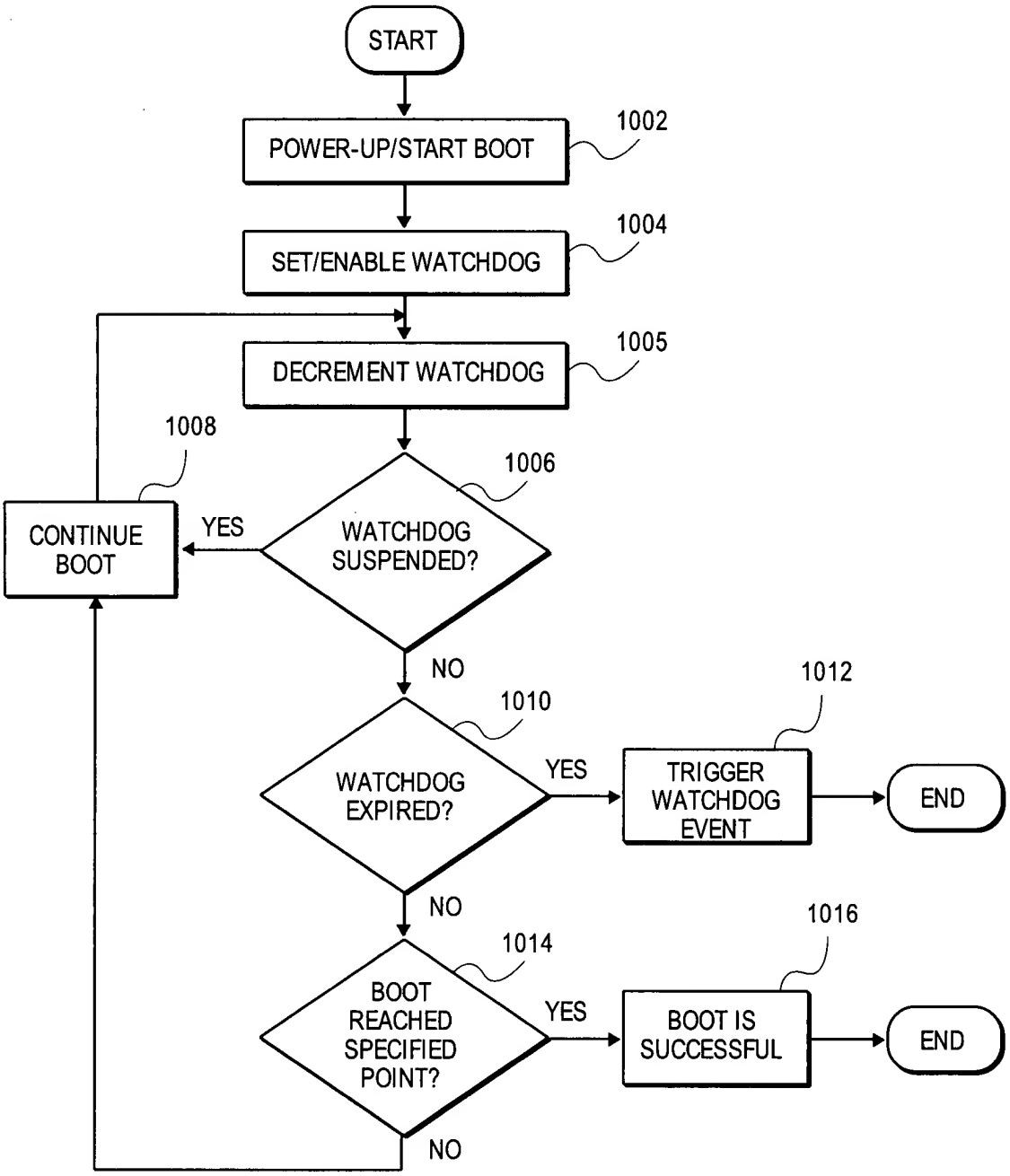

START
POWER-UP/START BOOT
1002
SET/ENABLE WATCHDOG
1004
DECREMENT WATCHDOG
1005
1008
1006
CONTINUE BOOT
YES
WATCHDOG SUSPENDED?
NO
1010
1012
WATCHDOG EXPIRED?
YES
TRIGGER WATCHDOG EVENT
END
NO
1014
1016
BOOT REACHED SPECIFIED POINT?
YES
BOOT IS SUCCESSFUL
END
NO

FIG. 10

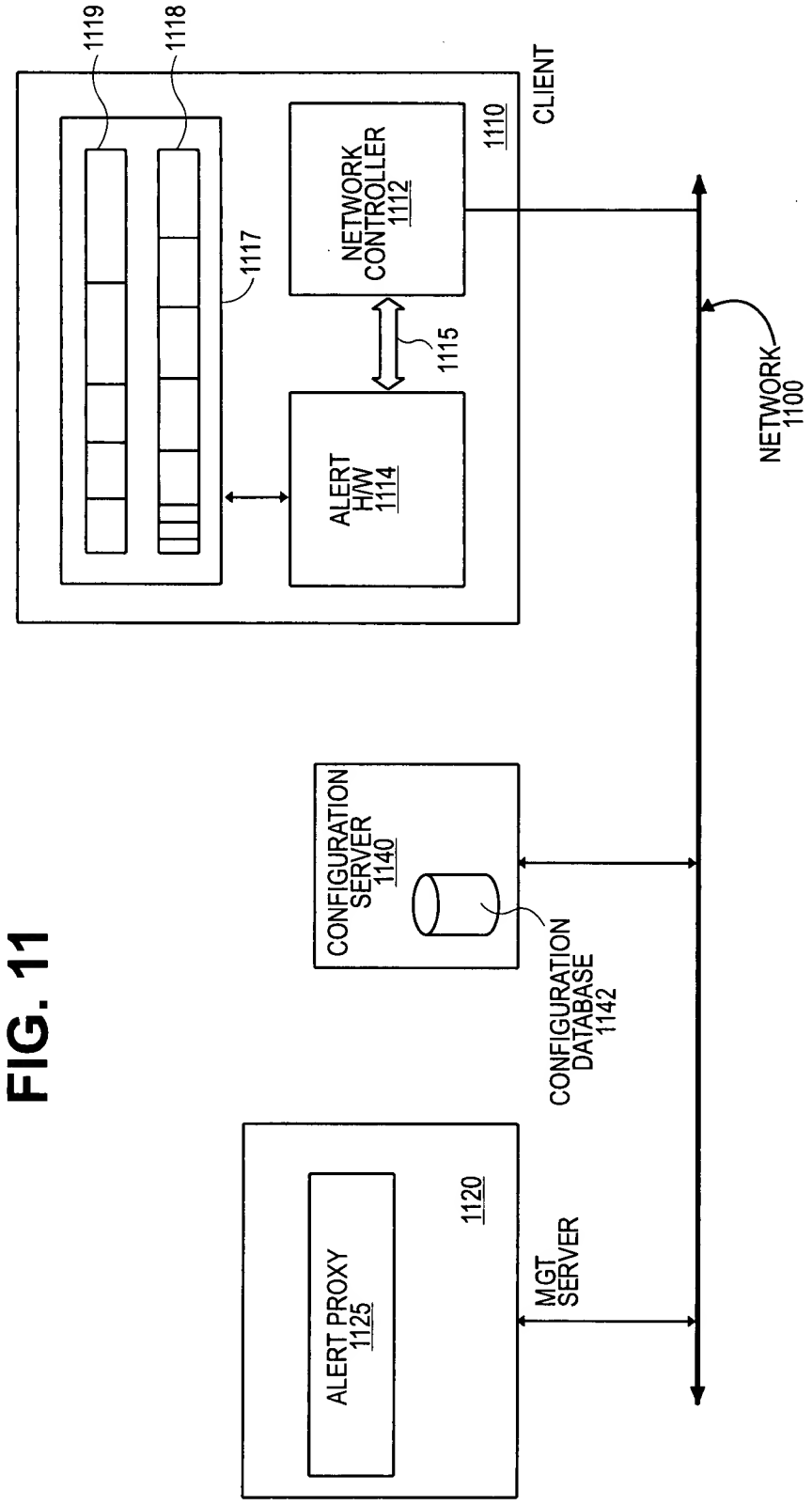

1119
1118
CLIENT
1110
NETWORK CONTROLLER 1112
1117
1115
ALERT H/W 1114
NETWORK 1100
CONFIGURATION SERVER 1140
CONFIGURATION DATABASE 1142
1120
ALERT PROXY 1125
MGT SERVER

FIG. 11

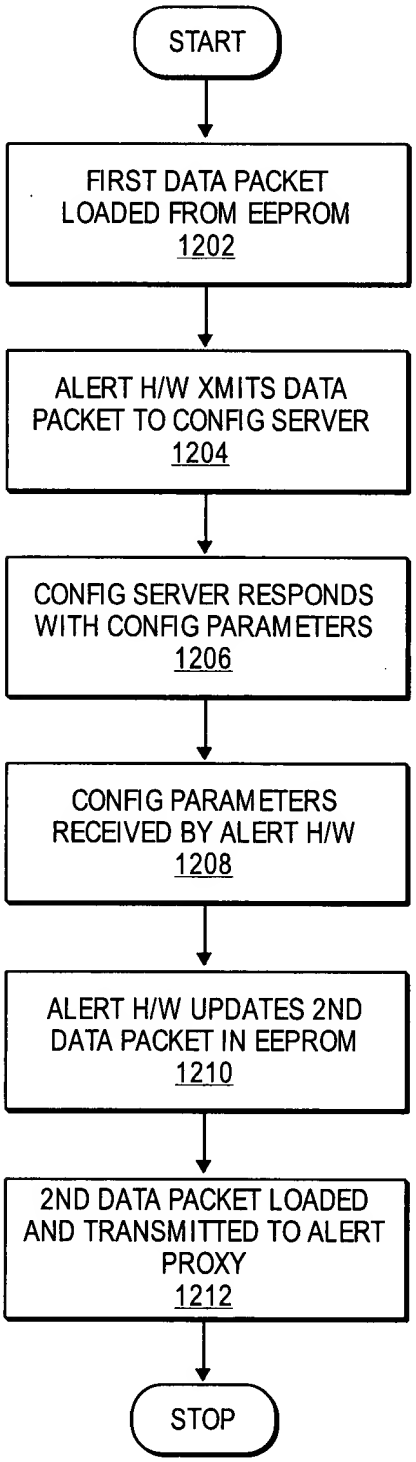

START
FIRST DATA PACKET LOADED FROM EEPROM 1202
ALERT H/W XMITS DATA PACKET TO CONFIG SERVER 1204
CONFIG SERVER RESPONDS WITH CONFIG PARAMETERS 1206
CONFIG PARAMETERS RECEIVED BY ALERT H/W 1208
ALERT H/W UPDATES 2ND DATA PACKET IN EEPROM 1210
2ND DATA PACKET LOADED AND TRANSMITTED TO ALERT PROXY 1212
STOP

FIG. 12